

```
rac333@tux4:~/CS283/Lab1/Files-Backup/GDB$ gcc -o g1 g1.c
rac333@tux4:~/CS283/Lab1/Files-Backup/GDB$ gdb g1
GNU gdb (Ubuntu 7.11.1-0ubuntu1~16.5) 7.11.1
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There is NO WARRANTY, to the extent permitted by law.  Type "show copying"
and "show warranty" for details.
This GDB was configured as "x86_64-linux-gnu".
Type "show configuration" for configuration details.
For bug reporting instructions, please see:
<http://www.gnu.org/software/gdb/bugs/>.
Find the GDB manual and other documentation resources online at:
<http://www.gnu.org/software/gdb/documentation/>.
For help, type "help".
Type "apropos word" to search for commands related to "word"...
Reading symbols from g1...(no debugging symbols found)...done.
(gdb) run
Starting program: /home/rac333/CS283/Lab1/Files-Backup/GDB/g1
reed
r
r
...
This went on as an infinite loop
```

After making my changes the correct output was

```
rac333@tux4:~/CS283/Lab1/Files-Backup/GDB$ gcc -o g1 g1.c
rac333@tux4:~/CS283/Lab1/Files-Backup/GDB$ gdb g1
GNU gdb (Ubuntu 7.11.1-0ubuntu1~16.5) 7.11.1
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For help, type "help".
Type "apropos word" to search for commands related to "word"...
Reading symbols from g1...(no debugging symbols found)...done.
(gdb) run
Starting program: /home/rac333/CS283/Lab1/Files-Backup/GDB/g1
reed
r
e
e
d
```

```
rac333@tux4:~/CS283/Lab1/Files-Backup/GDB$ gcc -o g2 g2.c
rac333@tux4:~/CS283/Lab1/Files-Backup/GDB$ gdb g2
GNU gdb (Ubuntu 7.11.1-0ubuntu1~16.5) 7.11.1
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This GDB was configured as "x86_64-linux-gnu".
Type "show configuration" for configuration details.
For bug reporting instructions, please see:
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Find the GDB manual and other documentation resources online at:
<http://www.gnu.org/software/gdb/documentation/>.
For help, type "help".
Type "apropos word" to search for commands related to "word"...
Reading symbols from g2...(no debugging symbols found)...done.
(gdb) run
Starting program: /home/rac333/CS283/Lab1/Files-Backup/GDB/g2
reed ceniviva
```

```
Program received signal SIGSEGV, Segmentation fault.
__GI__IO_getline_info (fp=fp@entry=0x7fff7dd18e0 <_IO_2_1_stdin_>, buf=buf@entry=0x0,
n=1022, delim=delim@entry=10, extract_delim=extract_delim@entry=1,
eof=eof@entry=0x0) at iogetline.c:77
77  iogetline.c: No such file or directory.
(gdb)
```

After correcting the 31 to a 32 in the code the output looked like this

```
rac333@tux4:~/CS283/Lab1/Files-Backup/GDB$ gdb g2
GNU gdb (Ubuntu 7.11.1-0ubuntu1~16.5) 7.11.1
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This GDB was configured as "x86_64-linux-gnu".
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For bug reporting instructions, please see:
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Find the GDB manual and other documentation resources online at:
<http://www.gnu.org/software/gdb/documentation/>.
For help, type "help".
Type "apropos word" to search for commands related to "word"...
Reading symbols from g2...(no debugging symbols found)...done.
(gdb) run
Starting program: /home/rac333/CS283/Lab1/Files-Backup/GDB/g2
reed ceniviva
reed ceniviva

[Inferior 1 (process 37645) exited with code 01]
(gdb)
```